

Patent Abstracts of Japan

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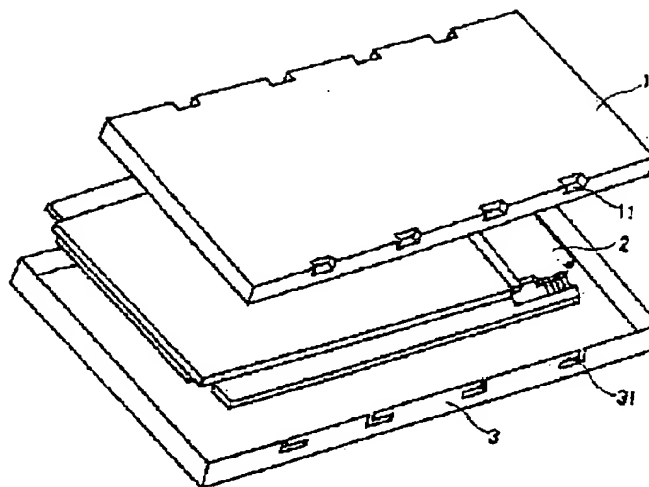
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APPLICANT : ROHM CO LTD;

INVENTOR : HIRATSUKA KAZUYUKI;

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TITLE : BACK LIGHT HOLDING STRUCTURE
OF LIQUID CRYSTAL DISPLAY DEVICE



ABSTRACT : PURPOSE: To cope with a decrease in the thickness of the liquid crystal display device by engagement pieces separately formed on a frame with plural engagement parts provided on the reflecting-surface side edge part of a back light.

CONSTITUTION: The engagement parts 11 are arranged at the reflecting-surface side edge part of a back light unit 1. The number of the engagement parts 11 is determined according to the size of the liquid crystal display device, and when normally about four engagement parts are arranged at the side edge part on one side, there is no problem in practical use. Those engagement parts 11 may optionally be disposed symmetrically between the right and left side edge parts or zigzag. Then the engagement pieces 31 to engage the engagement parts 11 are formed on the frame 3 opposite the engagement parts 11 by as many as the engagement parts. The engagement pieces 31 are folded toward the engagement parts 11 to position and fix the back light unit 1 to the frame 3, and the thickness is reducible as compared with a conventional screw fixing method.

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